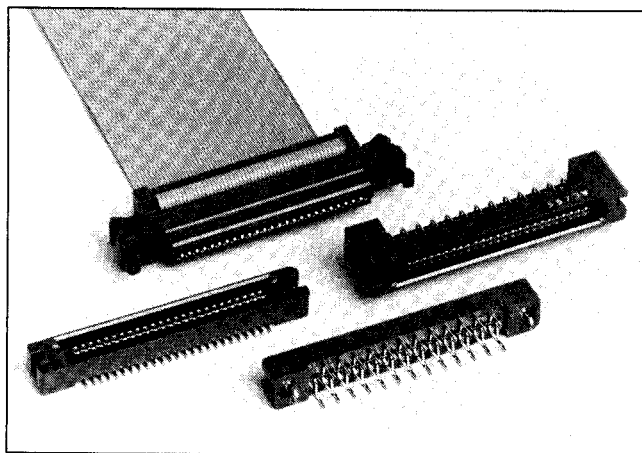


Low Profile IDC Connectors

P50LE Series



- Product supports 25 mil pitch cable
- Low profile - 11.8mm mated height
- One-touch locking ejector system
- Low insertion/withdrawal force
- Self-aligning mating
- Straight, right angle, and SMT options

RN PAK-50®

How to Order

Low Profile P25E Series Socket

P25LE — XXX S — TGF

Series — Plating

Number of Contacts: —
40, 50, 68, 80, 100

S = Cable Mount Socket

How to Order

Low Profile P50LE Series Plug

P50LE - XXX P1 - SML - TGF

Series — Plating

Number of Contacts: —
40, 50, 68, 80, 100

P1 = Board Mount Plug

Termination Type
SML = Surface Mount
R1 = Straight, Solder Tail
RR1 = Right Angle, Solder Tail

Materials:

Body: PPS
Contact: Phosphor Bronze

Performance Characteristics:

Cable Size: 30AWG/ 25mil pitch
Insertion Force: 40 pin/3.8 kgs, 50 pin/4.8kgs
 68 pin/6.5kgs, 80 pin/7.6kgs, 100 pin/9.5kgs
Withdrawal Force (without locking ejector):
 40 pin/0.6kgs, 50 pin/0.7kgs, 68 pin/1.0kgs,
 80 pin/1.2kgs, 100 pin/1.5kgs.
Dielectric Withstanding Voltage: 300 volts AC
Contact Resistance: 40mΩ or less
Insulation Resistance: 1000MΩ or more at 500
 volts DC
Current Rating: 0.5 Ampere/contact
Flammability: UL 94V-0
Temperature Range: -55°C to + 85°C

Plating Specifications:

TGF= 3 μinch (.076 μm) minimum
 Gold on contact area
 80 μinch (2.03 μm) minimum
 Tin on terminal area
 Underplate of 80 μinch
 (2.03 μm) minimum nickel